

AMENDMENTS TO THE ABSTRACT

Kindly replace the original Abstract with the enclosed Abstract.

ABSTRACT OF THE DISCLOSURE(clean copy)

The present invention has an object of improving wear resistance of a thrust bearing portion. A pressure is generated by a dynamic pressure effect of a lubricating oil in a thrust bearing gap between a thrust bearing surface including dynamic pressure generating grooves and a smooth thrust receiving surface so as to rotatably support a shaft member in an axial direction. The thrust receiving surface is formed as a flat surface, whereas an inclined plane is provided on the thrust bearing surface so as to provide a reduced portion having a decreasing axial width in a radially outward direction in the thrust bearing gap.

ABSTRACT OF THE DISCLOSURE(mark-up)

The present invention has an object of improving wear resistance of a thrust bearing portion. A pressure is generated by a dynamic pressure effect of a lubricating oil in a thrust bearing gap ~~€~~ between a thrust bearing surface ~~11a~~ including dynamic pressure generating grooves and a smooth thrust receiving surface ~~11b~~ so as to rotatably support a shaft member ~~2~~ in an axial direction. The thrust receiving surface ~~11b~~ is formed as a flat surface, whereas an inclined plane ~~17~~ is provided on the thrust bearing surface ~~11a~~ so as to provide a reduced portion ~~15~~ having a decreasing axial width in a radially outward direction in the thrust bearing gap ~~€~~.